

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2005/000030

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G02F 1/133

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IP C7 G02F, G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and application for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
NPS: "four color"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2001-84037 A (Samsung Electronics Co. Ltd.) *the whole document*	1
P, A	JP 2004-102292 A (Samsung Electronics Co. Ltd.) *the whole document*	1
A	JP 2002-318564 A (Fujitsu Ltd.) *the whole document*	1
A	JP 2001-209047 A (Sharp Corp.) *the whole document*	1

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
22 FEBRUARY 2005 (22.02.2005)

Date of mailing of the international search report

24 FEBRUARY 2005 (24.02.2005)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

KOH, Jong Wook

Telephone No. 82-42-481-5989



INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/KR2005/000030

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP13184037	06.07.2001	CN1306221	01.08.2001
		CN1306221A	01.08.2001
		CN1144081C	31.03.200
		EP01104923A2	06.06.200
		EP1104923A2	06.06.200
		EP1104923A3	20.06.200
		EP01104923A3	20.06.200
		EP1104923A2	06.06.200
		JP2001184037A2	06.07.2001
		JP13184037	06.07.2001
		KR2001051414A	25.06.200
		KR1020010051414	25.06.2001
		US6750874BA	15.06.200
		US06750874	15.06.200
JP16102292	02.04.2004	JP2004102292A2	02.04.2004
		JP16102292	02.04.200
		KR1020040023241	18.03.2004
		KR1020040068735	02.08.2004
		US2004046725A1	11.03.2004
		US20040046725A1	11.03.2004
		US2004046725AA	11.03.2004
		JP2002318564A2	31.10.2002
JP14318564	31.10.2002	JP14318564	31.10.200
JP13209047	03.08.2001	JP2001209047A2	03.08.2001
		JP13209047	03.08.200